

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments |
|---|------|-----|-------|--|----------------------------|----------------------|----------|
| 1 | BRS | L1 | 20752 | (scan\$4 or read\$3 sens\$3 or detect\$4) same(lens\$2) s ame(nois\$6 or distort\$4 or shad\$4 or error\$2) | US- PGPUB ; USPAT | 2004/11/1 1 06:55 | |
| 2 | BRS | L2 | 7022 | 1 same(correct\$4 or enhanc\$6 or classif\$6 or remov\$4 or cancel\$3) | US- PGPUB ; USPAT | 2004/11/1 1 06:35 | |
| 3 | BRS | L3 | 8503 | 1 same(filter\$2 or correct\$4 or enhanc\$6 or classif\$6 or remov\$4 or cancel\$3) | US- PGPUB ; USPAT | 2004/11/1 1 06:36 | |
| 4 | BRS | L4 | 828 | 3 same(color\$2 or colour\$2 or RGB\$2) | US- PGPUB ; USPAT | 2004/11/1 1 06:58 | |
| 5 | BRS | L5 | 2240 | 3 same(extract\$4 or segment\$6 or divid\$3 or partition\$3 or patial\$3 or region\$3 or portion\$3) | US- PGPUB ; USPAT | 2004/11/1 1 06:58 | |
| 6 | BRS | L6 | 229 | 5 same(color\$2 or colour\$2 or RGB\$2) | US- PGPUB ; USPAT | 2004/11/1 1 06:38 | |
| 7 | BRS | L7 | 63 | 6 same(calculat\$6 or analyz\$6 or comput\$6 or measur\$6) | US- PGPUB ; USPAT | 2004/11/1 1 06:59 | |
| 8 | BRS | L8 | 37 | 6 same(associat\$6 or compar\$6 or correlat\$5) | US- PGPUB ; USPAT | 2004/11/1 1 06:58 | |
| 9 | BRS | L9 | 45 | 6 same(associat\$6 or compar\$6 or correlat\$5 or match\$3) | US- PGPUB ; USPAT | 2004/11/1 1 06:39 | |

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments |
|----|------|-----|------|---|----------------------------|----------------------|----------|
| 10 | BRS | L10 | 21 | 9 same(calculat\$6 or analyz\$6 or comput\$6 or measur\$6) | US- PGPUB ; USPAT | 2004/11/1 1 06:53 | |
| 11 | BRS | L11 | 1 | "5978106".PN. | USPAT ; USOCR | 2004/11/1 1 06:47 | |
| 12 | BRS | L12 | 1 | "5978106".PN. | USPAT ; USOCR | 2004/11/1 1 06:48 | |
| 13 | BRS | L13 | 1 | "5831672".PN. | USPAT ; USOCR | 2004/11/1 1 06:48 | |
| 14 | BRS | L14 | 1 | "5719661".PN. | USPAT ; USOCR | 2004/11/1 1 06:49 | |
| 15 | BRS | L15 | 2 | "5818523" | US- PGPUB ; USPAT | 2004/11/1 1 06:53 | |
| 16 | BRS | L16 | 3076 | (lens\$2 near10(exchang\$3 or mov\$6 or alter\$3 or zoom\$3))same(nois\$6 or distort\$4 or shad\$4 or error\$2)same(enhanc\$6 or correct\$4 or filter\$3 or remov\$6) | US- PGPUB ; USPAT | 2004/11/1 1 06:57 | |
| 17 | BRS | L17 | 229 | 16 same(color\$2 or colour\$2 or RGB\$2) | US- PGPUB ; USPAT | 2004/11/1 1 06:58 | |
| 18 | BRS | L18 | 75 | 17 same(extract\$4 or segment\$6 or divid\$3 or partition\$3 or patial\$3 or region\$3 or portion\$3) | US- PGPUB ; USPAT | 2004/11/1 1 06:58 | |

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments |
|----|------|-----|------|---|----------------------------|----------------------|----------|
| 19 | BRS | L20 | 17 | 18 same(calculat\$6 or analyz\$6 or comput\$6 or measur\$6) | US- PGPUB ; USPAT | 2004/11/1 1 06:59 | |
| 20 | BRS | L19 | 5 | 18 same(associat\$6 or compar\$6 or correlat\$5) | US- PGPUB ; USPAT | 2004/11/1 1 07:00 | |
| 21 | BRS | L21 | 1 | "6300974".PN. | USPAT ; USOCR | 2004/11/1 1 07:01 | |
| 22 | BRS | L22 | 1 | "6219442".PN. | USPAT ; USOCR | 2004/11/1 1 07:01 | |
| 23 | BRS | L23 | 1 | "6173087".PN. | USPAT ; USOCR | 2004/11/1 1 07:01 | |

| | Error Definition | Err ors |
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| | Error Definition | Err ors |
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| 18 | | |

| | Error Definition | Err ors |
|----|---------------------|------------|
| 19 | | |
| 20 | | |
| 21 | | |
| 22 | | |
| 23 | | |



1 An embedded camera lens distortion correction method for mobile computing applications

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2 A fast parametric motion estimation algorithm with illumination and lens distortion correction

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3 Implementation, calibration and accuracy testing of an image-enhanced endoscopy system

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5 Correction of geometric lens distortion through image warping

Image and Signal Processing and Analysis, 2003. ISPA 2003. Proceedings of the 3rd International Symposium on , Volume: 1 , 18-20 Sept. 2003
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6 A calibration-free lens distortion correction method for low cost digital imaging

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13 A new algorithm to correct fish-eye- and strong wide-angle-lens-distortion from single images*Brauer-Burchardt, C.; Voss, K.;*

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14 On global parametric motion estimation with lens distortion correction*Altunbasak, Y.; Patti, A.J.; King, O.D.;*

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